

● PROFESSIONAL LED INDICATORS Ø12.7mm Mounting

FEATURES



515 SERIES

PACK QUANTITY = 10 PIECES

- Bright nickel plated brass housing
- Atex approved to EN50028 (EN50014)
- Sealed to IP67
- Wide viewing angle
- Suitable for high vibration applications

SPECIFICATION

Ordering Information & Typical Technical Characteristics (Ta = 25°C)

Mean Time Between Failure = 100,000 Hours. Luminous intensity figures refer to the unmodified discrete LED.

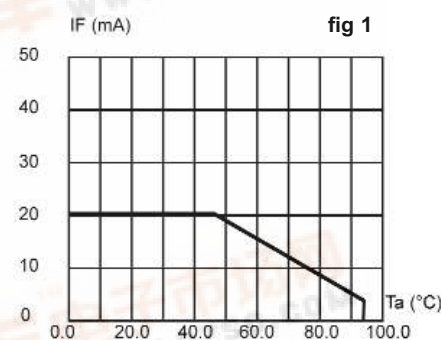
| PART NUMBER | COLOUR | LENS | VOLTAGE DC (Vdc) Vopr | CURRENT DC (mA) Iopr | LUMINOUS INTENSITY Iv@20mA (mcd) | WAVE LENGTH λp (nm) | OPERATING TEMP Topr | STORAGE TEMP Tstg | | |
|-----------------------|------------|------|--------------------------|-------------------------|-------------------------------------|------------------------|------------------------|----------------------|------------|-----|
| HIGH INTENSITY | | | | | | | | | | |
| 515-501-04 | Red | | Colour Diffused | 2.6 | 20 | 11000 | 624 | -40 ~ +95^ | -40 ~ +100 | Yes |
| 515-521-04 | Yellow | | Colour Diffused | 2.8 | 20 | 16000 | 591 | -40 ~ +95^ | -40 ~ +100 | Yes |
| 515-532-04 | Green | | Colour Diffused | 4.1 | 20 | 23000 | 527 | -40 ~ +95^ | -40 ~ +100 | Yes |
| 515-930-04 | Blue | | Colour Diffused | 4.1 | 20 | 7000 | 470 | -40 ~ +95^ | -40 ~ +100 | Yes |
| 515-997-04 | Cool White | | Colour Diffused | 4.1 | 20 | 14000 | * | -40 ~ +95^ | -40 ~ +100 | Yes |
| UNITS | | | Vdc | mA | mcd | nm | °C | °C | | |



* = Typical emission colour: cool white x=0.31, y=0.32

Intensities (Iv) and colour shades of white (x,y co-ordinates) may vary between LEDs within a batch.

^ = Products must be derated when used above 45°C - Refer to fig 1.



Max forward DC current vs ambient temperature (Tjmax=105°C)

How to Order:

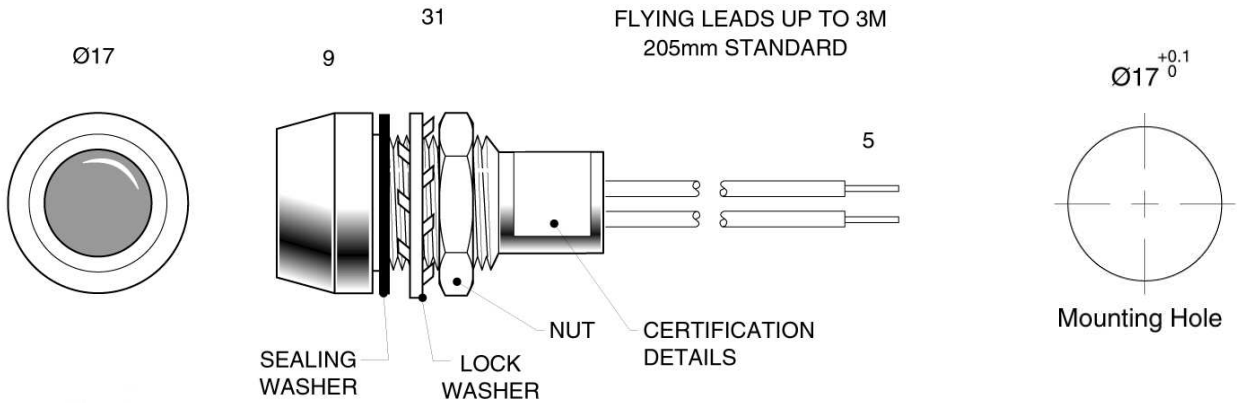
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515 Series



Dimensions in mm (Typical)
Not to scale

Anode termination indicated by red sleeve

MATERIALS

| | |
|---------------------|--|
| Body | Brass to BS 2874 CZ121 nickel plated BS 1224 |
| Nut | Brass to BS 2874 CZ121 nickel plated BS 1224 |
| Panel Seal | Viton |
| Cable | Zyrad 500 |
| Fresnel lens | Polycarbonate |
| Clear Encapsulation | Stycast 1264A / 1264B catalyst |
| Blue Encapsulation | Stycast 2850FT / 24LV catalyst |

TECHNICAL CHARACTERISTICS

| SERIES | MAXIMUM POWER DISSIPATION | MAXIMUM REVERSE VOLTAGE | PANEL CUTOUT | MOUNTING TORQUE | MINIMUM MOUNTING CENTRES | MIN/MAX. PANEL THICKNESS | BODY | LOCK WASHER |
|--------|---------------------------|-------------------------|--------------|-----------------|--------------------------|--------------------------|---------------------|-------------------|
| 515 | 1000 | 1000 | 12.7 | 1.0 | x,y=19.5 | 1.5-5.0 | Nickel Plated Brass | Zinc Plated Steel |
| UNITS | mw | Vdc | mm | Nm | mm | mm | | |

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Approved Manufacturer